REMARKS

The Examiner has objected to FIG. 3. A proposed drawing correction is enclosed with the changes indicated in red.

The Examiner has rejected the claims as being anticipated by Su et al. '572.

Su et al. '572 shows a sandwiched solenoidal array coil (SSAC). FIG. 2D is instructive. This shows the sensitivity of the coil 2, which has counter-rotational portions. Note the "M" shape (i.e., two peaks with a null in between).

Contrast this to the counter-rotational coil of FIG. 1 of the present application. An exemplary sensitivity graph is shown in FIG. 2D. Note the null and a single peak.

Su et al. '572 needs the peak of coil 1 of the SSAC to be located between the two peaks of the "M" shape to achieve the desired decoupling.

The present invention makes use of the broad range of low sensitivity to one side of the first coil to place the second coil in the positions exemplified by FIGS. 4, 5 and 6. It is the claimed quasi-one-peak sensitively profile that allows these designs to function effectively.

Su et al. '572 does not teach quasi-one-peak coils. In addition, Su et al. '572 does not teach the use of uneven-counter-rotational coils with second solenoidal coils that are cascaded with the first coil or located about the lesser winding section of the first coil.

It is respectfully submitted that the present invention is not anticipated under 35 USC 102 by Su et al. '572.
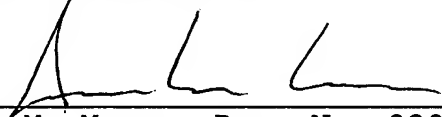
In view of the foregoing amendments and remarks, it is respectfully submitted that the present application is in condition for allowance.

    If any fees are required by this communication which are not covered by an enclosed check, please charge such fees to our Deposit Account No. 16-0820, Order No. 33379US1.

            Respectfully submitted,

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